P-660RU-Tx v2

ADSL2+ Ethernet / USB Router

Quick Start Guide

Version 3.40
Edition 4
10/2008

Overview

The P-660RU-Tx v2 is an ADSL router with both USB and Ethernet ports.

See your User's Guide for background information on all features.

This Quick Start Guide shows you how to:

- Connect the hardware.
- Set up your Internet connection. Be sure you have your Internet connection information from your Internet Service Provider (ISP) to set up the connection (See section 2).

How to use the included CD

If you prefer to see a multi-media animation of how to make hardware connections, see the installation tutorial on the included CD.

1. On the included CD, click **Multimedia Auto Provisioner** > **Installation Tutorial**.
2. At the end of the tutorial, click **Configuration Genie** to set up your P-660RU-Tx v2 to connect to the Internet.

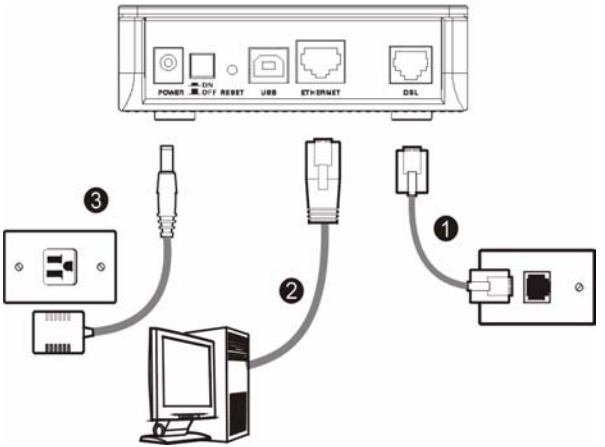
1 Hardware Connections

There are two ways to connect your computer or computer network to the P-660RU-Tx v2:

Option A: Connect via Ethernet. See page 2.

Option B: Connect via USB (you will need to install the USB driver). See page 4.

Option A: Connect via Ethernet



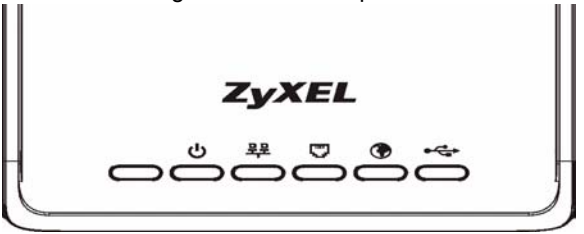
1 **ETHERNET**: Use the yellow Ethernet cable to connect a computer to the **ETHERNET** port for initial configuration and/or Internet access.

2 **DSL**: Use the gray telephone wire to connect your P-660RU-Tx v2's **DSL** port to a telephone jack (or to a splitter, if one is already installed).

3 **POWER**: Use the power adaptor provided with your P-660RU-Tx v2 to connect an appropriate power source to the **POWER** socket. Make sure the power source is on.

4 Push in the **POWER** button.

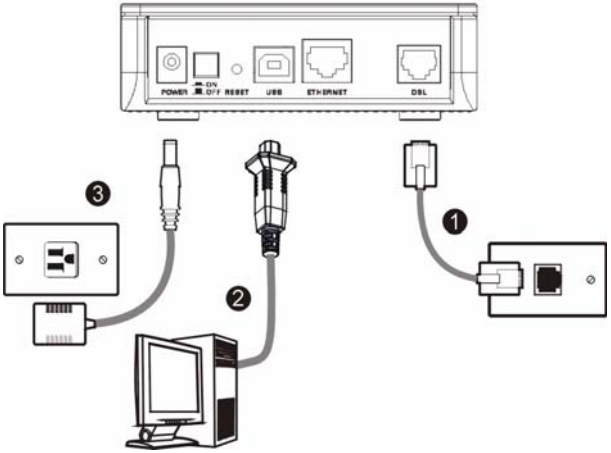
5 Look at the lights on the front panel.



- The ⏻ light blinks while your P-660RU-Tx v2 starts up and stays on once it is ready.
- The light is on when the P-660RU-Tx v2 has a DSL connection.
- The light is on when you are able to access the Internet and blinks when the P-660RU-Tx v2 is sending or receiving data.
- The light stays on if the corresponding **ETHERNET** port is properly connected and blinks when there is traffic.

If any of these lights are not on, check your connections and inspect your cables for damage. If the lights are still off, contact your local vendor.

Option B: Connect via USB



Do NOT connect the same computer to both the **USB** and **ETHERNET** ports on the P-660RU-Tx v2.

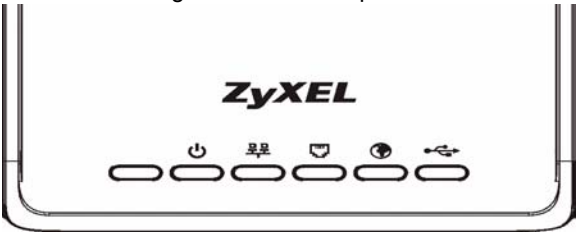
1 **USB**: Connect the provided USB cable to the P-660RU-Tx v2's **USB** port.

2 **DSL**: Use the gray telephone wire to connect your P-660RU-Tx v2's **DSL** port to a telephone jack (or to a splitter, if one is already installed).

3 **POWER**: Use the power adaptor provided with your P-660RU-Tx v2 to connect an appropriate power source to the **POWER** socket. Make sure the power source is on.

4 Push in the **POWER** button.

5 Look at the lights on the front panel.



- The ⏻ light blinks while your P-660RU-Tx v2 starts up and stays on once it is ready.
- The light is on when the P-660RU-Tx v2 has a DSL connection.

- The light turns on if the USB port is properly connected, and blinks when there is traffic.

If any of these lights are not on, check your connections and inspect your cables for damage. If the lights are still off, contact your local vendor.

Install the USB Software

If you want to connect to the Internet through the P-660RU-Tx v2's USB port, install the USB driver before you connect the P-660RU-Tx v2 to the USB port. Follow the steps for your operating system to install the USB driver.

Windows Computer

System Requirements

- Windows 98 SE (Second Edition), Windows ME (Millennium Edition), Windows 2000, Windows XP, or Windows Vista
- An available USB port

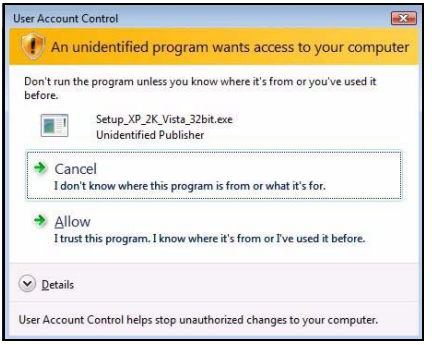
Procedures

1. Save your work and close all applications.
2. Insert the included CD. The CD automatically runs and the main screen displays.

3 Click the **Setup** icon on the main screen.

4 Select the Windows version of your computer.

5 An install warning may appear in the Windows Vista OS. Click **Allow** to continue.


User Account Control
An unidentified program wants access to your computer
Don't run the program unless you know where it's from or you've used it before.
Setup_XP_2K_Vista_32bit.exe
Unidentified Publisher
Cancel
I don't know where this program is from or what it's for.
Allow
I trust this program. I know where it's from or I've used it before.
Details
User Account Control helps stop unauthorized changes to your computer.

6 Click **Next** in the Welcome screen to begin the USB Installation Wizard. Follow the installation prompts. You may need to restart your computer at the end of the installation.

Welcome to the InstallShield Wizard for ZyXEL USB ADSL Modem/Router
The InstallShield® Wizard will install ZyXEL USB ADSL Modem/Router on your computer. To continue, click Next.
InstallShield
< Back
Next >
Cancel

Macintosh Computer

System Requirements

- Macintosh operating system versions 10.1, 10.2 and 10.3.
- An available USB port

Procedures

1 Save your work and close all applications.

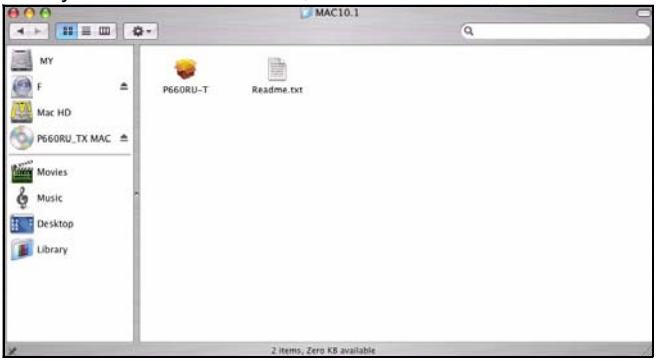
2 Insert the included CD. A CD's icon automatically displays on the desktop.

3 Double-click the CD's icon.

4 Double-click the MAC version of your computer.

5 Double-click one of the following.

If you selected **MAC10.1**, double click the **P-660RU-T** icon.



If you selected **MAC 10.2_10.3**, double click the **P-660RU-Tx.dmg** icon.

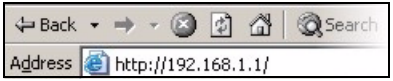
6 Click **Continue** in the Welcome screen to begin the USB installation. Follow the installation prompts. You may need to restart your computer at the end of the installation.

Install
Welcome to the Installer
Introduction
Welcome to the Mac OS X Installation Program. You will be guided through the steps necessary to install this software.
Go Back
Continue

2 Connection Setup: Wizard

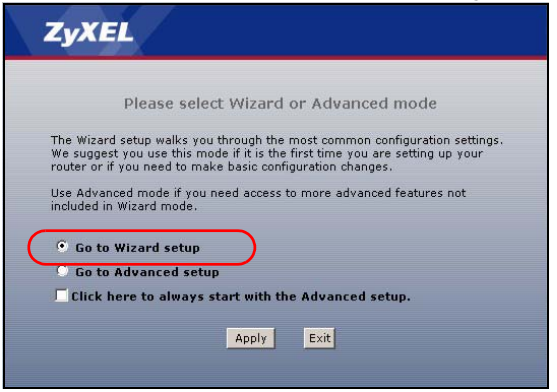
Use this section to set up your Internet connection via the Web Configurator Wizard. You should have the information from your Internet Service Provider (ISP).

1 Open your browser and enter the P-660RU-Tx v2's IP address (default 192.168.1.1) as the URL. If your browser does not display a login screen, see **Troubleshooting** for details.



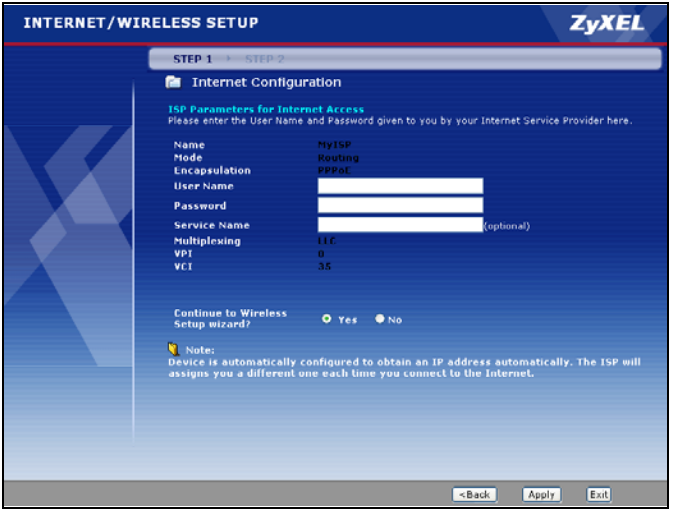
2 Enter the admin password **admin** (default). Click **Login**.

3 Select **Go to Wizard setup**. Click **Apply**.


ZyXEL
Please select Wizard or Advanced mode
The Wizard setup walks you through the most common configuration settings. We suggest you use this mode if it is the first time you are setting up your router or if you need to make basic configuration changes.
Use Advanced mode if you need access to more advanced features not included in Wizard mode.
Go to Wizard setup
Go to Advanced setup
Click here to always start with the Advanced setup.
Apply
Exit

4 Click **INTERNET SETUP**.

5 Follow the instructions in the wizard. Enter your Internet connection information exactly as provided by your ISP. If you do not see the following screen, go to section 3.

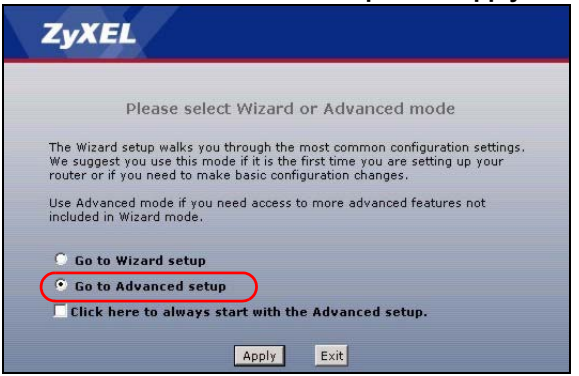


3 Connection Setup: Manual

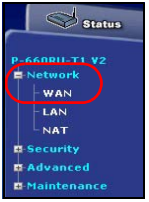
Use this section to set up your Internet connection manually if you do not see the **ISP Parameters for Internet Access** screen when you run the wizard (see section 2).

1 Follow steps 1 to 3 in section 2 in order to log in to the Web Configurator.

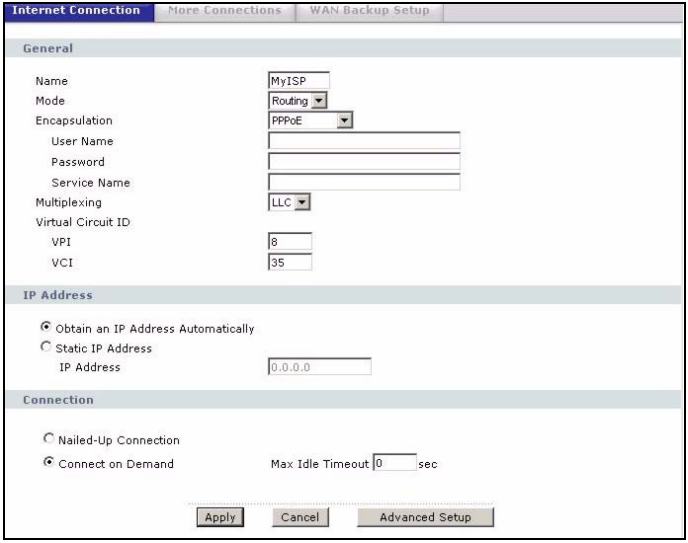
2 Select **Go to Advanced setup**. Click **Apply**.


ZyXEL
Please select Wizard or Advanced mode
The Wizard setup walks you through the most common configuration settings. We suggest you use this mode if it is the first time you are setting up your router or if you need to make basic configuration changes.
Use Advanced mode if you need access to more advanced features not included in Wizard mode.
Go to Wizard setup
Go to Advanced setup
Click here to always start with the Advanced setup.
Apply
Exit

3 The **Status** screen appears. Click **Network** > **WAN** in the navigation panel on the left of the screen.



4 The **Internet Connection** screen appears. Enter the information exactly as provided by your ISP and click **Apply**.



The fields available in this screen depend on the **Mode** you select.

5 If you still cannot access the Internet, see **Troubleshooting** and/or contact your Internet Service Provider (ISP) for assistance.

Troubleshooting

1 If you want to verify your USB installation,

- Check the status of the P-660RU-Tx v2 in the Device Manager window. Click **Start > Settings > Control Panel > System > Hardware** and then click **Device Manager**. (Steps may vary depending on the version of Windows.)
- Verify the status of the P-660RU-Tx v2 under **Network Adapter**. Check that there is no question mark on the device icon for the P-660RU-Tx v2.

2 If you cannot access the Web Configurator,

- Your computer may be set to use a static IP address in a different subnet from the ZyXEL device. See the appendix in the User's Guide for information on setting up your IP address.
- If you are using Internet Explorer in Windows XP or Windows Server 2003, make sure you allow pop-up windows, JavaScripts and Java permissions or set the Internet security level lower than **High** in Internet Explorer (in Internet Explorer, click **Tools > Internet Options > Security > Custom Level...**). See the appendix in the User's Guide for more information.

3 If you cannot access the Internet when your computer is connected to the **ETHERNET** port, follow these steps.

A) Check the lights on the front panel. If they are different from what is described in section 1, make sure the P-660RU-Tx v2 is correctly connected. If the lights are still different, turn off the device, wait a few seconds, and turn it on again.

B) If your ISP gave you Internet connection information, ensure you enter it correctly. For example, if your account has a user name and password, make sure you type it correctly. In addition, if you are not sure which encapsulation your ISP uses, contact your ISP. If your ISP did not give you Internet connection information, follow the steps in section 2.

C) If you are using a new Internet account, contact your ISP to make sure it is active.

D) If you still have problems, see **Troubleshooting** in the User's Guide.

If you cannot access the Internet after you take the steps above, either try the following or contact your ISP:

E) Turn your P-660RU-Tx v2 off and on. Open your Internet browser if it is not already open.

Let the P-660RU-Tx v2 complete the DSL connection test (this may take several minutes). See section 2 for details.

If the test is successful, check whether you can access the Internet.

F) If the test is unsuccessful or if you cannot access the Internet, log in to the P-660RU-Tx v2's Web Configurator (see section 2).

- Click **Network** > **WAN** > **Internet Connection**. Ensure that the settings in this screen are the same as those your ISP gave you. If your ISP gave you a static IP address to use, select **Static IP Address** in the **IP Address** section and enter it in the **IP Address** field. If not, select **Obtain an IP Address Automatically**. Click **Apply**.

- Click the wizard icon ( ). Run the **Internet Setup** wizard again. Check whether you can access the Internet.

If you still cannot access the Internet, take the following steps:

- If you are using **Bridge** mode (check **Mode** in the **Network** > **WAN** > **Internet Connection** screen) click **NAT** > **General** and ensure **Active Network Address Translation (NAT**) is not selected. Click **LAN** > **DHCP Setup** and ensure that **DHCP** is set to **None**. Your ISP gives your computer an IP address directly. If you want to access the P-660RU-Tx v2 again, you need to use a static IP address in the same subnet as your P-660RU-Tx v2 (the P-660RU-Tx v2's default IP address is 192.168.1.1).
- Click the wizard icon ( ). Run the **Internet Setup** wizard again. Check whether you can access the Internet.

If you still cannot access the Internet, contact your Internet Service Provider.

Viewing Your Product's Certifications

1. Go to www.zyxel.com.
2. Select your product from the drop-down list box on the ZyXEL home page to go to that product's page.
3. Select the certification you wish to view from this page.